

19970905.qrp v00_n839.qrs.970905

>From ???@??? Fri Sep 05 23:04:34 1997
Date: Fri, 5 Sep 1997 19:03:14 EDT
Subject: QRP-L digest 839
Message-Id: <97Sep5.190352edt.34889-41606+188@fidoii.cc.Lehigh.EDU>

QRP-L Digest 839

Topics covered in this issue include:

- 1) [26196] Re: N sex? , weatherproof BNC?
by Ed Loranger <we6w@qsl.net>
- 2) [26197] QRP A Filed contest
by "Ron Polityka" <wb3aal@talon.net>
- 3) [26198] Re: N sex? , weatherproof BNC?
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 4) [26199] Cable runs and crosstalk.
by Greg Newberry <newberry@cyberhighway.net>
- 5) [26200] VANITY CALLS
by k4wz@juno.com (RON L TODD)
- 6) [26201] Re: VANITY CALLS
by "Ken Hanks" <kennfd@ibm.net>
- 7) [26202] Successful QSLing - again
by Joe Gervais <vole@primenet.com>
- 8) [26203] Waterproofing Coaxial connectors
by af852@rgfn.epcc.Edu (William R Colbert)
- 9) [26204] Solar info
by af852@rgfn.epcc.Edu (William R Colbert)
- 10) [26205] What I did on my summer vacation
by kb0rol@juno.com (Bradley L Mugleston)
- 11) [26206] Nice EU Opening on 40m...
by Joe Gervais <vole@primenet.com>
- 12) [26207] Re: QRP Workshop Report (long)
by Bill Todd <bill@techline.com>
- 13) [26208] Anyone familiar with a Yaesu FT-221
by Jeff Grudin <grudin@pacific.vdbs.com>
- 14) [26209] Need A&A Engineerings web address
by Scott Bauer <ke3nv@erols.com>
- 15) [26210] Re: Oct 97 QRP ARCI Quarterly off to the printer
by Monte Stark <ku7y@sage.dri.edu>
- 16) [26211] Re: Callsign lookup via email?
by K4AHK@ix.netcom.com
- 17) [26212] Waterproofing Coax Connections
by AA0QX <AA0QX@prodigy.net>
- 18) [26213] LYSCO TX
by wayne alexander <walexander@wwn.net>
- 19) [26214] re: SGC 2020

- by rerobins@unccvm.uncc.edu (Rick Robinson)
- 20) [26215] shining and coating brass
by rerobins@unccvm.uncc.edu (Rick Robinson)
- 21) [26216] Re: N sex? , weatherproof BNC?
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 22) [26217] another BUBBA tale
by Elda Wilson <ewilson@nccn.net>
- 23) [26218] RE: VANITY CALLS
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 24) [26219] Re: HW-8 info needed
by crc@io.com (charles crouchet)
- 25) [26220] Re: Waterproofing Coax Connections
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 26) [26221] Foxhunt Novice Stations
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 27) [26222] Europe on 40 M
by "Martin, Lou (MCI)" <Lou.Martin@mci.com>
- 28) [26223] 10 MHz/UTC Receiver
by fmathews@norfolk.infi.net (Frank Matthews)
- 29) [26224] Re: Europe on 40 M
by Monte Stark <ku7y@sage.dri.edu>
- 30) [26225] Tesla File at WE6W's webpage! HOW TO OPEN.
by Ed Loranger <we6w@qsl.net>
- 31) [26226] Contest Manger Loses Marbles
by Russ Carpenter <russ@natworld.com>
- 32) [26227] Re: 10 MHz/UTC Receiver
by Ed Loranger <we6w@qsl.net>
- 33) [26228] Re: Contest Manger Loses Marbles
by Bob Hightower <ki7mn@dancris.com>
- 34) [26229] Re: Contest Manger Loses Marbles
by Bill Todd <bill@techline.com>
- 35) [26230] Re: Contest Manger Loses Marbles
by Ed Loranger <we6w@qsl.net>
- 36) [26231] where to buy 14 pin pkg tl082??
by "chuck munce" <k0gjx@classic.msn.com>
- 37) [26232] A&A address found, thank you
by Scott Bauer <ke3nv@erols.com>
- 38) [26233] Dynamic Current Source?
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 39) [26234] Re: where to buy 14 pin pkg tl082??
by Paul Harden <pharden@aoc.nrao.edu>
- 40) [26235] FS> Ten Tec Argosy I
by Dennis Terribile <wr4i@mindspring.com>
- 41) [26236] Finally catching breath, CQC test
by "Marshall Emm" <mgemm@mtechnologies.com>
- 42) [26237] Re: Contest Manger Loses Marbles
by David Clemons <dave@egh.com>
- 43) [26238] Re: Contest Manger Loses Marbles

by Monte Stark <ku7y@sage.dri.edu>
44) [26239] Re: where to buy 14 pin pkg t1082??
by Ed Pacyna <pacyna@auratek.com>
45) [26240] Re: Europe on 40 M
by Vic Rosenthal <rakefet@rakefet.com>
46) [26241] *New Product Announcement*
by wpc@west.net (Whiterook Products Company)
47) [26242] Conductivity of Metals
by adams@chuck.dallas.sgi.com (Chuck Adams)
48) [26243] Callsign lookup via email?
by Craig LaBarge <LaBarge_C@compuserve.com>
49) [26244] Re: Conductivity of Metals
by "S. Lee" <slee@u.washington.edu>
50) [26245] Rainspout Antenna
by Craig LaBarge <LaBarge_C@CompuServe.COM>
51) [26246] Re: Conductivity of Metals
by adams@chuck.dallas.sgi.com (Chuck Adams)
52) [26247] \$50 Plaques
by Monte Stark <ku7y@sage.dri.edu>
53) [26248] Solar Flux
by adams@chuck.dallas.sgi.com (Chuck Adams)
54) [26249] Get on the air and operate.
by "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"
<larsennc@alaska.net>

Date: Thu, 04 Sep 1997 16:02:25 -0700
From: Ed Loranger <we6w@qsl.net>
To: henryf@quartz.gly.fsu.edu, Low Power Amateur Radio Discussion <qrp-
l@lehigh.edu>
Subject: [26196] Re: N sex? , weatherproof BNC?
Message-ID: <340F3E00.25CE@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Asked a co-worker about keeping the salt-water from
affecting your BNC connectors.

He mentioned "Lubriplate", I guess it is some kind of
mildly conductive grease that keeps moisture out.

He says it is inexpensive and available at automotive
supply locations.

Just passing this along. I have no experience with it.

Oh, he said it should last a while but will need to be re-applied periodically.

FYI.

-Ed Loranger

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72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 4 Sep 1997 19:12:29 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [26197] QRP A Filed contest
Message-ID: <199709042319.TAA29735@pelican.talon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings to all QRP-L members,

I have checked out the contest rules for QRP A Field. I have one question. Is this contest for single operator only?

Thanks for your reply in advance!

73 & Good DXing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL@WB3FYL.#BER.PA.USA.NA

OWL's Radio Club

QRP # 5318	PA QSO Party 1996 Small Club Gavel
G-QRP # 3031	PA QSO Party 1996 Active Member, High
10-10 # 13173	Average Aggregate Award
QRP-L # 1099	

Date: Thu, 4 Sep 1997 19:19:53 -0400 (EDT)

From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26198] Re: N sex? , weatherproof BNC?
Message-ID: <Pine.GS0.3.96.970904191911.3320A-100000@joxer.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You might also try Vaseline...but remember....not for use with latex products :-)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Thu, 04 Sep 1997 18:19:57 -0600
From: Greg Newberry <newberry@cyberhighway.net>
To: QRP-L Group <qrp-l@Lehigh.EDU>
Subject: [26199] Cable runs and crosstalk.
Message-ID: <340F502D.2F3A@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I'm mounting an antenna on my shop which is detached from the house.
I'll be running a rotor cable, control cable, coax, 4 pair CAT 5 data cable, and a 120vac line thru a chunk of underground PVC conduit to the shop.

What type of interaction, crosstalk, RF, etc should I expect by doing this and what measures should I take to prevent it. Bypass caps, ferrite beads, etc.

The most power i'll ever use is 100 watts, and 99.999% of the time it'll be less than 5 watts.

I just don't want any problems this winter!!

Thanks

Greg

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-----
|  Greg Newberry      newberry@cyberhighway.net  |
|  WB7DUO QRP-L #760                               |
|  NorCal #1899  CQC #465  AR-QRP #65             |
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Date: Thu, 4 Sep 1997 19:33:02 edt
From: k4wz@juno.com (RON L TODD)
To: qrp-1@Lehigh.EDU, majordomo@qth.net
Subject: [26200] VANITY CALLS
Message-ID: <19970904.193304.7271.0.K4WZ@juno.com>

ANYONE KNOW WHERE TO FINE AVAILABLE VANITY CALL SIGNS FOR EXTRA CLASS ??

Date: Thu, 4 Sep 1997 20:45:01 -0400
From: "Ken Hanks" <kennfd@ibm.net>
To: <qrp-1@Lehigh.EDU>
Subject: [26201] Re: VANITY CALLS
Message-ID: <199709050046.AAA73264@out1.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ron:

Try QRZ.COM. You will be able to get a list of unassigned calls. This does not mean that they are available however.

: From: RON L TODD <k4wz@juno.com>
: To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
: Subject: VANITY CALLS
: Date: Thursday, September 04, 1997 7:33 PM
:
: ANYONE KNOW WHERE TO FINE AVAILABLE VANITY CALL SIGNS FOR EXTRA CLASS ??

:

Date: Thu, 4 Sep 1997 17:48:20 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@lehigh.edu
Subject: [26202] Successful QSLing - again
Message-ID: <199709050048.RAA15520@usr08.primenet.com>

Howdy Folks,

Made progress on email/BUBBA logs, so figured I could come out and play for awhile. :-)

Something I think is commonly overlooked when the topic of successful QSLing comes up is the actual QSO itself! If you can ensure that the ham on the other end truly enjoys the chat, I can nearly guarantee a reply to your QSL request.

So how do you make it enjoyable? Be fun! "It was so hot today, the cactus burst into flames", "Just installed a new rotator for my vertical", etc. Another nice thing is to ask open-ended questions. ("How's life up in the mountains?") Avoid those cookie-cutter QSOs!

Make sure your QSO isn't a monologue. Be interested in what they have to say. If what they say isn't interesting, ask questions that will have interesting answers. ("Any good fishing up there?")

My preference is to not request a QSL during the QSO. Instead I immediately fill out a QSL, mentioning some of the highlights of the chat ("Good luck on that bass fishing!") and maybe include a thank-you if they had to work hard to hear me in the QRN/QSB ("Thanks for pulling in my sig!"). Then I send it off the next day, with SASE if I really need the QSL.

Being sincere is the key. Folks can spot a B___-kisser a mile away. If it's not an honest statement, don't write it down. Also, if you really want a QSL back, avoid arrogant statements that might torque the fellow. Snide comments about linear amps may be fine for 2xQRP, but if a QRO op at 500w reads that after pulling in your 339 sig, you probably aren't getting their card.

The last touch is the QSL itself. I print all of my own, make

them nice to look at and distinct, easy to read, amusing, etc.

I'm no expert, but I can honestly say I've only had one or two QSLs that didn't get answered, and they were CW SS operators. This is out of hundreds of QSLs.

So: Interesting, fun QSO + Sincere comments on QSL = Success.

You can't please everyone, and some folks just plain won't QSL if their life depends on it, but you can certainly increase your odds.

Hope this didn't flog a long-dead horse. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

AB7TT's True Signs of the End of the World:

- 1) Microsoft is now selling interactive Barney dolls. (Really!)
- 2) The Spice Girls.

Date: Thu, 4 Sep 97 20:21:32 MDT
From: af852@rgfn.epcc.Edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [26203] Waterproofing Coaxial connectors
Message-ID: <9709050221.AA19508@rgfn.epcc.Edu>

With the recent discussion of N type connectors, and the waterproofing of same When I worked for an alphabet government agency, we used good ole #33 or #88 3M tape and would do several wraps and then apply a coating of ScotchKote (tm) ensuring that the entire taped area was covered. Then I/we would do another wrap of the tape over the coated area (it was allowed to dry for a little while- tack to touch) and finally another coating of the Scotchkote. These vehicles were used with underhood and under fender antenna bases treated this in this manner, all over New Mexico, Colorado, S. Dakota and no antenna failures due to water leakage. The roads were liberally coated with salt/sand mixtures back in the late 60's/early 70's and when the tape/scotchkote covering was removed, the connectors were shiney brite, just as they came from the package and no moisture. I continue

to wrap and coat my antenna connections in the same manner.
The scotchkote can be obtained at any Electrical supply house or
some radio parts outlets. N connectors will be moisture resistant,
as will TNC and BNC connectors only if the rubber gaskets are in place
and in good condition. Do not depend on the gasket and tight fitting
to make the connector moisture/corrosion/dirt free. The integrity of
the connector has to be assisted. Where as the above mentioned
connectors are constant impedance type connectors, the popular UHF/
pl259 is not, not only that it is also very leaky, prone to moisture
collection.

My 2 cents worth - sorry to be so verbose.

--

Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)
(also: v31xe@dzn.com)

Date: Thu, 4 Sep 97 20:29:52 MDT
From: af852@rgfn.epcc.Edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [26204] Solar info
Message-ID: <9709050229.AA27495@rgfn.epcc.Edu>

Thanks to Paul Harden for the excellent information on the recent
solar developements. And to Bob Follett and others that also
post updated solar information. I for one am anxious to see the
new solar web site when Paul and company get it completed - will
be nice to see h ow those fluxes, cme's and other things affect
our radio operations. (besides impeding them at times)

--

Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)
(also: v31xe@dzn.com)

Date: Thu, 04 Sep 1997 22:37:55 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-l@lehigh.edu

Cc: hq@arrl.org, wconne1@tandy.com
Subject: [26205] What I did on my summer vacation
Message-ID: <19970904.193557.12135.1.kb0rol@juno.com>

Today I got my September issue of Scouting magazine and it was sitting on my September issue of QST. While looking through Scouting I saw an 8 page advertisement to promote guns and the shooting merit badge. This reminded me of the week I spent at scout camp watching the scouts learning to use firearms and learn to enjoy shooting them safely.

All around were NRA certified firearms instructors with lots of neat badges they had earned and were willing to go out of their way to help the boys get started on earning their own awards. I thought to myself, I bet the NRA has dumped a bunch of money into the building of this shooting range and its probably the best recruiting effort ever performed by any organization. Young boys and girls eager to learn the safe way to use a firearm and to learn that a gun can be a fun safe tool.

What has this got to do with Ham Radio, well I'll tell you. All around in the parking lot were personalized license plates with HAM calls on them but no where could be found a wire antenna, let alone a tower with any larger antennas on it. Wouldn't it be great if these young boys and girls could spend the week, an hour or more a day, taking classes about and using Ham Radios. How difficult would it be to build a shack, put up a tower and antenna and teach a class. The initial investment could be small, donated equipment, Hams donating some of their spare time and knowledge.

I can see kits made available through Radio Shack that would help teach electronic theory, kits that would be sold at a price that would cover expenses but remain inexpensive enough for a scouts budget. The chance to learn how to solder and put together a working kit, all at scout camp.

These kits could go from blinking lights to a full transceiver (isn't the Pixie II available for around \$10). Couldn't you see the glow in a scouts eyes when in one week of camp they were able to build and operate a 40M Pixie under the guiding hands of an experienced elmer!

Ham radio doesn't have to be come a hobby of old retired men. It could become a life time hobby of the next few generations of scouts.

Thanks,

de KB0ROL, Brad

PS. I sent a copy of this to the ARRL and Tandy but I couldn't find an address for the Boy Scouts so if you know it please forward it. Maybe all three could get together and work on this..

Date: Thu, 4 Sep 1997 21:17:35 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [26206] Nice EU Opening on 40m...
Message-ID: <199709050417.VAA01216@usr09.primenet.com>

Howdy Folks,

Just a heads-up if you haven't checked 40m tonight. It's now 0415Z and both Norway and Estonia are coming into AZ pretty good. Just worked LA0CX (Uri in Norway) on 7.004. The Estonian is a bit higher, haven't got him yet.

Sure beats watching the MTV Video Awards. The Spice Girls won a category. The horror. The horror.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

AB7TT's True Signs of the End of the World:

- 1) Microsoft is now selling interactive Barney dolls. (Really!)
- 2) The Spice Girls.

Date: Thu, 04 Sep 1997 21:16:05 -0700
From: Bill Todd <bill@techline.com>
To: ratttray@siast.sk.ca
Cc: qrp-1@Lehigh.EDU
Subject: [26207] Re: QRP Workshop Report (long)
Message-ID: <1.5.4.32.19970905041605.006ffec4@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Congratulations!

Sounds like you did a super job. I especially like the way you helped the participants build their own rig on the spot (or, shortly thereafter).

Subject: [26209] Need A&A Engineerings web address
Message-ID: <199709050613.CAA21029@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello,

I have searched several web sites for a link to A&A Engineering with no luck. Does anyone have the correct web address??
Thank you very much for the help.

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV

" You may be on the right track, but will get run over if you just sit there".... Will Rodgers

visit my web page at <http://www.erols.com/ke3nv/>
G-QRP 8773 QRP-L 728
NORCAL 1094 DL-QRP-AG *GM*
CQC 352 QRP ARCI-8804
scQRPion 38 AR-QRP 27
 WARC QRP NUMERO UNO
 CW OPERATORS QRP CLUB 484, FISTS, ARRL

Date: Thu, 4 Sep 1997 23:20:26 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: ed miller <kc4mhm@juno.com>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [26210] Re: Oct 97 QRP ARCI Quarterly off to the printer
Message-ID: <Pine.SUN.3.90.970904231548.9875D-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ed,

The new address to use when joining or renewing you membership in the QRP ARCI is:

Ken Evans, W4DU
Secretary/Treasurer
848 Valbrook Court
Lilburn, GA 30047

Thanks for the kind words!

I have CCed to the list in case anyone else needed the new address.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 05 Sep 1997 06:23:16 -0400
From: K4AHK@ix.netcom.com
To: LaBarge_C@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26211] Re: Callsign lookup via email?
Message-ID: <340FDD92.44A2@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just looked at the QRZ page. It works fine from:

<http://www.qrz.com/index.html>

Bill - K4AHK

Date: Fri, 05 Sep 1997 06:25:52 -0500
From: AA0QX <AA0QX@prodigy.net>
To: qrp-l@Lehigh.EDU
Subject: [26212] Waterproofing Coax Connections
Message-ID: <340FEC40.46EB@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use tape, then cover it with plumbers silicone glue. I recently took down an antenna that had been up for 5 years, and the connection was still dry and clean.

72 de Austin

Date: Fri, 05 Sep 1997 06:55:02 -0500
From: wayne alexander <walexander@wwn.net>
To: qrp-l@Lehigh.EDU
Subject: [26213] LYSCO TX
Message-ID: <3.0.32.19970905065501.0068e58c@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does anyone have a copy of a manual for the LYSCO TRANSMaster TX it covers
10m-160m AM and CW. I will pay for copying and shipping. Thanks
73 KB0PTE
Wayne

Date: Fri, 5 Sep 1997 08:14:43 -0400
From: rerobins@unccvm.uncc.edu (Rick Robinson)
To: TMcCuen@compuserve.com
Cc: qrp-l@Lehigh.EDU
Subject: [26214] re: SGC 2020
Message-ID: <v02130500b034535b7ded@[152.15.144.13]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thomas J.McCuen writes:

>If anyone ordered the 2020 like myself, Here's the latest release info
>from SGC;

<snip ... snip>

>Thanks for your inquiry. Delivery is delayed until November.

Cynical old fellow that I am, I must say this strikes me as a bad business
practice if money is now changing hands on a product not shipping for 60
days or more. I'm not trying to flame SGC, but guys you could be loaning
SGC money at no interest rate. If they are currently charging your plastic
or cashing your check that's basically what is going on. Some banks will
start adding on the finance charges the moment that charge slip is
processed. I'll admit I don't know how SGC does business, but caveat
emptor.

Does anyone remember Bob Grove's "vaporware" receiver from a few years
back? It almost ruined him and left him with major egg on his face. I

can't remember if he was taking the money for future delivery or not. I do know no receivers were ever delivered.

Something to think about.

72,

Rick kf4ar

Date: Fri, 5 Sep 1997 08:17:39 -0400
From: rerobins@unccvm.uncc.edu (Rick Robinson)
To: qrp-1@Lehigh.EDU
Cc: grudin@pacific.vdbs.com
Subject: [26215] shining and coating brass
Message-ID: <v02130506b0342f4a83b1@[152.15.144.13]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

We used to use Glo-Coat liquid floor wax in the Air Force to coat brass after it had been shined. It gave it a nice protective finish and was easy to remove with more Brasso. I don't know that Glo-Coat is still made. No one has inspected my brass in years.

72,

Rick kf4ar

Date: Fri, 5 Sep 1997 08:47:47 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-1@Lehigh.EDU
Subject: [26216] Re: N sex? , weatherproof BNC?
Message-ID: <31669.owen@piper.eeel.nist.gov>

In message Thu, 4 Sep 1997 19:19:53 -0400 (EDT),
"J. Skalski" <jskalski@acsu.buffalo.edu> writes:

> You might also try Vaseline...but remember....not for use with latex
> products :-)

>

What I have used for years is Silicon dielectric grease but Silicon stopcock grease works just as well and is usually easier to find. Without using this I would carefully wrap PL-259's with tape and within 6 mo they would fail with condensation. I have several PL-259's, on the beams, that are not taped and have been up for 14 years with no problem. At times I run the full legal limit through them. Just squeeze a little into the connector before you screw it on and you'll have no problems for years--at least I haven't.

72 Jim K4CGY qrp-1 #72

Date: Fri, 05 Sep 1997 06:25:15 -0800
From: Elda Wilson <ewilson@nccn.net>
To: qrp-1@Lehigh.EDU
Subject: [26217] another BUBBA tale
Message-ID: <341013A9.4758@nccn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After church I rushed home and the first CQ I heard was AL7FS at 579. Thanks, Jim. Alaska on first contact made my day.

2nd contact was AE0Q in Wyoming. Thanks, Glenn.

I wish I could have kept up that kink of luck, but family obligations took me away. Well, that happens at times. It's fun reading the other BUBBA reports. Thanks.

Doug, k6rpn, Grass Valley, Ca

Date: Fri, 5 Sep 1997 09:11:54 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-1@Lehigh.EDU
Subject: [26218] RE: VANITY CALLS
Message-ID: <33115.owen@piper.eeel.nist.gov>

In message Thu, 4 Sep 1997 19:33:02 edt, k4wz@juno.com (RON L TODD) writes:

> ANYONE KNOW WHERE TO FIND AVAILABLE VANITY CALL SIGNS FOR EXTRA CLASS ??

>

Go to the QRZ web page. <http://www.qrz.com> and at the bottom click on vanity. There is a list of ALL unassigned 1x2 and 2x1 calls. Just be aware

that some of these are not available. I don't know of a place to find the
1x3 calls. 72/73 Jim K4CGY qrp-1 #72

Date: Fri, 5 Sep 1997 08:16:23 -0500
From: crc@io.com (charles crouchet)
To: haf47@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26219] Re: HW-8 info needed
Message-ID: <199709051316.IAA02587@mx2.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howard: I xeroxed it all and sent it off today. The schematic is in pieces as
it was bigger than the xerox machine but I lettered it in approx. positions
and overlapped it so you can construct a copy. I also included the manual
for the power supply as you probably got that also. As to the price the xerox
was free and I will probably get the postage back in return postage when you
send me any upgrades you get in, or you can get the next lunch if I come to
NY or you come to Texas :) Happy trouble shooting 73 charlie wa5krf

At 12:11 AM 8/29/97 EDT, Howard Friedman wrote:

>Hello and thanks for reading this message.

>

>I had the good fortune of picking up a Heath HW-8 at a garage sale at

>such an outrageously low price that I'm ashamed to mention it here.

>Although it transmits, it has a real problem in the receiver.

>

>Does anybody know where I can get a copy of the manual for the HW-8?

>Also, I seem to remember there was a "mod" book available at one time for

>the Heath qrp rigs. Any info on this would also be greatly appreciated.

>

>I'd be happy to pay any copying costs, of course.

>

>Thanks in advance for any help es 73, Howie

>

>WA2AFD

>haf47@juno.com

>

>

Date: Fri, 05 Sep 1997 10:17:11 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: AA0QX@prodigy.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26220] Re: Waterproofing Coax Connections
Message-ID: <34101467.4CDB@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I appreciate the suggestions from everyone. The whole setyup needs to be broken down after each use which makes taping somewhat awkward. Lubriplate should work but again, the connection will be subject to repeated handling. Putting the connection in a dry box is a good idea. Just went through the Newark and Allied catalogs and could not find anything that I wanted to spend money on. I guess I'll just lay an supply of WD-40. I will also buy some zip-lock sandwich bags and try to keep each connection isolated inside the bag. Based on all the responses, it is apparent that I whould plan on regular connector replacement.

Henry

Date: Fri, 5 Sep 1997 16:06:02 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [26221] Foxhunt Novice Stations
Message-ID: <199709051506.QAA03329@chuck.dallas.sgi.com>

Gang,

It's getting closer to that time of the year for the 40M HF version of the QRP-L Foxhunt and we have now over 40 applications for the General->Extra segment.

Last year we had a group of Novice and Tech+'s participate and it should be noted that each of those individuals upgraded. They should be proud that they got down and did the work. Hopefully this was due to the fact that they got on the air and operated, which is the reason for having the license. Only through operating any mode of communication can an individual or group of individuals gain the experience to further their skills. The old phrase 'practice makes perfect' isn't just a saying.....

So, if you are have a Novice or Tech+ class license and would like some excitement and some challenge, send me email direct. I can guarantee that you will have several thousand people cheering on the sidelines and many wanting to talk to you. Don't think that you are under any pressure. I know it's like standing at a podium in a room full of people, but they are all there for you. You'll have email galore. All that you need is a code speed of 5wpm or so or even more if you can do it and a radio capable of transmitting and receiving on 40M Novice frequencies near 7.100 to 7.125MHz and an antenna that works and you are all set.

As the sign says, "Just Do It". Come on in, the water's just fine.

--

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/index.html>

WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

Date: Fri, 5 Sep 1997 09:53:15 -0600
From: "Martin, Lou (MCI)" <Lou.Martin@mci.com>
To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [26222] Europe on 40 M
Message-ID: <69F193633859D011B6F10000F802AC28012906F7@omzns01178.mcit.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi Everyone,

I was there, and heard KC6CNV working a lot of Eastern Europeans at 7.028 mhz. He was running 600 watts into a 3 el yagi at 80 ft and giving them 449 to 589 sig reports. I could barely hear them, but managed to copy part of an HAXxx callsign that he had given the 589.

The right antenna oriented the right direction is our best bet. I'm going to put something up this weekend.

72, LOU
KC0BBE

Monument, CO

Date: Fri, 5 Sep 1997 12:12:12 -0500
From: fmathews@norfolk.infi.net (Frank Matthews)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [26223] 10 MHz/UTC Receiver
Message-ID: <v01530502b035ece4672e@[208.131.170.148]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Fellow QRPer's

I'd like to come up with a circuit that will receive the UTC Broadcast (10 MHz) only. Sort of like the W1AW receiver recently published in QST.

Can anyone offer some help or suggestions or does this circuit already exist and I just haven't found it?

Thanks, Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
1994 Tiger Drive
Chesapeake, VA 23320
(757) 548-0696 Ext. 51
Email/fmathews@norfolk.infi.net

Date: Fri, 5 Sep 1997 09:29:31 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: "Martin, Lou (MCI)" <Lou.Martin@mci.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26224] Re: Europe on 40 M
Message-ID: <Pine.SUN.3.90.970905092601.10527A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 5 Sep 1997, Martin, Lou (MCI) wrote:

> I could
> barely hear them, but managed to copy part of an HAXXX call sign that he
> had given the 589.
>
> The right antenna oriented the right direction is our best bet.

Hi Lou,

You are so right!

I just went from a vertical to 2 ele at 85' on 40m. I can now work stations that I can not copy on the vertical.

If you ever get a chance to spend some time at a station with different antennas, play with them. Hear the difference. It can be dramatic!

But don't ever forget that you can have a ball with small antennas too! I had a blast as a Fox last year with a 24' pipe as a vertical!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 05 Sep 1997 09:40:37 -0700
From: Ed Loranger <we6w@qsl.net>
To: dphilbin@slonet.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26225] Tesla File at WE6W's webpage! HOW TO OPEN.
Message-ID: <34103605.28A5@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There has been a huge response to the tesla article on my web page. This document is 29 pages long. Print doublesided if you can.

Most have asked how to deal with a ".ps" file extension.
Here's a copy of one of my responses that should help:

===== Extracted Prior email =====

Hi Friend. This is postscript format. There are many
postscript readers and especially printer driver options
that can be used for printing, even without a reader.

If you can't open the file, try just printing it with
the correct write options to your printer.

As for a viewer, I'm on HPUX (Hewlett-Packard UNIX) and
I use ghostview. It is a postscript viewer.

If you use Netscape, there are helpers that invoke the
proper auxillary program when it comes across certain
file extensions. My particular helper is:
application/postscript ghostview %s

When I click on a file that is .ps, the ghostview
program launches and the file is displayed in about 20
seconds.

Since this file has some drawings and construction
graphics (It's very worth reading!), I recommend you
try to find a postscript reader. There are lots
of free readers out there.

I bet something on your computer can read or print
postscript files.

Hope I have helped. If you have any difficulty, try
a request to the list. Someone out there can point
you to a free reader.

Thanks for visiting!!!

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 5 Sep 97 10:03:59 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [26226] Contest Manger Loses Marbles
Message-ID: <199709051703.KAA25870@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Yesterday, this person posted the results and soapbox for the "August" Spartan Sprint. The postings should, of course, have referred to the September Spartan Sprint.

Does anyone know a good place to get a brain implant?

Russ Carpenter. AA7QU
Alleged Contest Manager for the Adventure Radio Society

Date: Fri, 05 Sep 1997 10:03:25 -0700
From: Ed Loranger <we6w@qsl.net>
To: fmathews@norfolk.infi.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26227] Re: 10 MHz/UTC Receiver
Message-ID: <34103B5D.51D7@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I can pick up WWV on 5 and 10 MHz with my pixie2!!!!!!

Just put the xtal in the socket and get the time.

Lots of uses for this \$10.00 rig.

My \$.02
-Ed Loranger
--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 5 Sep 1997 10:16:06 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: russ@natworld.com
Cc: qrp-1@Lehigh.EDU
Subject: [26228] Re: Contest Manger Loses Marbles
Message-ID: <199709051716.KAA21512@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:03 AM 9/5/97 -0700, you wrote:

>Yesterday, this person posted the results and soapbox for the "August"
>Spartan Sprint. The postings should, of course, have referred to the
>September Spartan Sprint.

>

>Does anyone know a good place to get a brain implant?

>

Whooaah! Too much exposure to qrp RF?

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ

Grid DM43bi Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

Date: Fri, 05 Sep 1997 10:14:43 -0700
From: Bill Todd <bill@techline.com>
To: russ@natworld.com
Cc: qrp-1@Lehigh.EDU
Subject: [26229] Re: Contest Manger Loses Marbles
Message-ID: <1.5.4.32.19970905171443.006ee548@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:03 AM 9/5/97 -0700, Russ Carpenter wrote:

>Does anyone know a good place to get a brain implant?

Russ - I don't know about the implant...but the nurse at the home keeps reminding me "be sure to take your medication...Mr. Todd. We don't

want to have to tie you up again do we?"

CUL, Bill-N7MFB

Date: Fri, 05 Sep 1997 10:18:41 -0700
From: Ed Loranger <we6w@qsl.net>
To: russ@natworld.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26230] Re: Contest Manger Loses Marbles
Message-ID: <34103EF1.7D6A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That's a no-brainer.

You could try a 'Second-hand' shop. They'll send you to the back when they figure you don't need one.

Don't make any financial decisions until after you get the new Brain. They'll try to rip you off -- dealing "BB", Before Brain.

They're scams though, the new brain will cost an arm and a leg. You'll have to buy those on the right as you go out.

And forget about the return policy. They wouldn't accept mind. I think....

The whole operation is kept under wraps, fearing the long-arm of the law.

If you can forget about it, you already have a brain.

I must be real smart, my wife says I forget everything!

Ha, Ha, -Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Fri, 5 Sep 97 17:45:17 UT
From: "chuck munce" <k0gjx@classic.msn.com>
To: "Jim Eshleman" <lujce@Lehigh.EDU>, "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [26231] where to buy 14 pin pkg tl082??
Message-ID: <UPMAIL05.199709051750330233@classic.msn.com>

i am looking for tl082 dual op amps in a 14 pin dip package? i beleive the correct # is tl082acp but i am not sure.i have tried mouser, looked in digi-key cat.and also at dan's small parts he doesnt list 14pin with his tl082. i am building the audio filter in w1fb qrp note book any ideas ?
thanks and 73 chuck k0gjx

Date: Fri, 5 Sep 1997 13:52:56 -0400 (EDT)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [26232] A&A address found, thank you
Message-ID: <199709051752.NAA23451@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks again to everyone that sent along the correct address for A&A Engineering. Have a nice weekend.

Scott

Date: Fri, 5 Sep 1997 14:14:53 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: qrp-l@Lehigh.EDU
Subject: [26233] Dynamic Current Source?
Message-ID: <Pine.GS0.3.96.970905141012.26011A-100000@callisto.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a piece of equipment that is called a dynamic current source.
It has a Freq Adj., Pulse Duration, Low current, High current controls
and a So239 output jack.

Does anyone have a clue as to what this thing does?
I thought it had a nice cabinet....that's why I own it.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Fri, 5 Sep 1997 12:22:21 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
To: k0gjj@classic.msn.com, qrp-l@Lehigh.EDU
Subject: [26234] Re: where to buy 14 pin pkg tl082??
Message-ID: <199709051822.MAA14084@zia.aoc.nrao.edu>

Jim,
I bought a couple of TL082's at our local Radio Shack a couple of
months ago. So don't forget to check them.

HINT: when you build that audio filter, consider using 1% metal film
resistors over the 5-10% carbon comps. You will be impressed at the
high filter Q and much lower noise level the metal films will give you.
The higher Q due to the tuning resistors being closer matched, and the
metal films have a much lower noise voltage than carbons.

Let us know how it works.

72, Paul NA5N

Date: Fri, 05 Sep 1997 14:29:15 -0400
From: Dennis Terribile <wr4i@mindspring.com>

To: qrp-1@Lehigh.EDU
Subject: [26235] FS> Ten Tec Argosy I
Message-ID: <1.5.4.32.19970905182915.006a237c@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All..
Have a Ten Tec Argosy I for sale...the model 525.

Includes:

225 Power supply and the 12v breaker cable/switch
206-A crystal calibrator
223-A noise blanker
224 audio cw filter
500hz crystal cw filter
1126 T-R switch for using a external linear (for shame!)
AGC mod
AGC fast(qsk) /slow(ssb) switch
All manuals and Docs relating to the mods .
Hand mic (Ten Tec)
All is in excellant condition. About 8.35 on scale of 10 (some small surface scratches).

Asking \$550. + shipping

72,
Dennis/WR4i
Charlottesville,VA

PS Will be at Gaithersburg,MD Hamfest this weekend if interested in meeting me there.

Date: Fri, 5 Sep 1997 12:37:26 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU
Cc: cqca@aol.com, rschneid@ix.netcom.com, zeekzilch@juno.com, jmedley@ix.netcom.com, n1fn@mtechnologies.com
Subject: [26236] Finally catching breath, CQC test
Message-ID: <199709051837.MAA08089@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Finally, a chance to catch my breath after the latest road trip back east. I came back to find --

1) my new GAP Titan arrived 8 hrs after I left, or about 6 weeks after I ordered it (thanks, UPS)...

2) the HK-708's had arrived-- and btw they have sold out and I've ordered another shipment, due in about 2-3 weeks, more on that later (thanks, guys)...

and 3) something like 1200 email messages waiting, of which about 2/3 were QRP-L.

Whew!

Anyhow, it was a great trip radio wise and lots of fun, and I particularly wanted to thank all the QRP-L members I worked while mobile or portable.

Somehow it's become sort of a tradition that I have an extended QSO with local QRP'er Jane, AA0ZR, on the way out of town. She expressed amazement that I could drive such distances in a day, and I said I thought of it as an opportunity to spend a whole day in my (mobile) ham shack, something I never get to do at home!

Before I left I had arranged a sked with Goran, EA8YU, and didn't realize I was going to be on the road. I tried anyhow, and actually managed to work him while mobile on the Indiana Turnpike at 70-mph+. Have to confess that I was running around 100w to his 5 or less. I seldom even try QRP when actually mobile (757GX2 and Hustler whip), and, hey-- it's still within the spirit of 313a which says we must use the minimum power necessary to make the contact. FWIW I think if that one Part 97 rule were enforced, something like 90% of all ham radio QSO's would take place at 5w or less. But I digress.

Worked another local, N0BF immediately after Goran, while going through the Indiana Turnpike toll booths and getting onto the Ohio one!

First stop was my sister's place near Tupper Lake NY and I put a G5RV up in the trees and was able to do real QRP. Amazing the difference an electrically quiet neighborhood makes! And it was really wierd to hear both sides of European local QSOs.

The CQC contest was a little disappointing, but it's my fault because I started late (got there at 3am that morning!), took longer to get the antenna up than planned (of course), and then spent nearly an hour tracking down and fixing an intermittent pl-259 (thank goodness

I had the soldering gun with me, and my sister's electricity was on for a change). Managed 11 QSOs on 20 before I'd had enough QRM.

Monday night it was a thrill to work Rich WOHEP on 40M and have him check me into the CQC's 2M net. Had to go QRO again to keep the QSO going, but I'm not ashamed of that. [g]

I even had 11M with me this trip, and that proved useful too. Maybe I'm getting more tolerant in my old age or something. Anyhow, outside the cities the truckers run a pretty tight ship on channel 19 and I hear worse examples of procedure and manners on the ham bands from time to time.

Great trip, but it sure is good to be back home. Now if I can just find the time to get that GAP into and on the air...

Date: Fri, 5 Sep 1997 14:43:59 -0400 (EDT)
From: David Clemons <dave@egh.com>
To: Russ Carpenter <russ@natworld.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26237] Re: Contest Manger Loses Marbles
Message-ID: <Pine.LNX.3.91.970905144306.21771A-1000000@newman.egh.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Russ,

You do know that they come in two varieties, don't you? One is a RIGHT brain and the other is a LEFT brain.

73, Dave Clemons K1VUT

On Fri, 5 Sep 1997, Russ Carpenter wrote:

> Yesterday, this person posted the results and soapbox for the "August"
> Spartan Sprint. The postings should, of course, have referred to the
> September Spartan Sprint.

>
> Does anyone know a good place to get a brain implant?
>
> Russ Carpenter. AA7QU
> Alleged Contest Manager for the Adventure Radio Society
>

Date: Fri, 5 Sep 1997 11:54:30 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Bill Todd <bill@techline.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26238] Re: Contest Manger Loses Marbles
Message-ID: <Pine.SUN.3.90.970905115327.15657D-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmmm,

Nurse, tied up.....OK Bill,

What else should you be telling us??? :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 05 Sep 1997 14:19:19 -0400
From: Ed Pacyna <pacyna@auratek.com>
To: k0gjx@classic.msn.com
Cc: qrp-l@Lehigh.EDU
Subject: [26239] Re: where to buy 14 pin pkg tl082??
Message-ID: <3.0.16.19970905141918.2fbf068c@dingle.auratek.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:45 PM 9/5/97 UT, you wrote:

>i am looking for tl082 dual op amps in a 14 pin dip package? i beleive the
>correct # is tl082acp but i am not sure.i have tried mouser, looked in
>digi-key cat.and also at dan's small parts he doesnt list 14pin with his
>tl082. i am building the audio filter in w1fb qrp note book any ideas ?

>thanks and 73 chuck k0gjx

>

I believe the dual only comes in a 8 pin package. The quad version comes in the 14 pin package.

I also recall the "seventy" series being superior (noise) to the "eighty" series. There is also a low power "sixty" series. In other words there is a TL062, TL072 and TL082.

Are you sure that the schematic, parts list and PCB layout are all correct? I recall the schematic/ calling out the dual part number but the PCB laid out for the quad.

Ed, W1AAZ

PS I have built that filter using staggered tuning techniques and it was a real performer.

Date: Fri, 05 Sep 1997 12:17:49 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: Lou.Martin@mci.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26240] Re: Europe on 40 M
Message-ID: <34105ADD.D713CD19@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Martin, Lou (MCI) wrote:

>

> Hi Everyone,

>

> I was there, and heard KC6CNV working a lot of Eastern Europeans at

> 7.028 mhz. He was

> running 600 watts into a 3 el yagi at 80 ft

<snip>

Last fall, during the foxhunt I took a break from the fox pileup when I heard an HA station calling CQ with a solid S8 signal. I figured "what the heck" and called him -- he came right back, gave me a 449. I was running FIVE watts to a vertical! 40 meters can _really_ surprise you sometimes.

Vic K2VCO

Date: Fri, 5 Sep 1997 13:26:51 -0800
From: wpc@west.net (Whiterook Products Company)
To: qrp-1@Lehigh.EDU
Subject: [26241] *New Product Announcement*
Message-ID: <v01530503b0362869dfe0@[205.254.241.68]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Whiterook Products Company is very pleased to announce the addition of a new QRP/CW related item to our product line:

*** The MK-60 Series TiCK Iambic Mini-Keyer ***

The MK-60 is the only FULLY ASSEMBLED TiCK Keyer available. It is housed in our famous little red box and is completely self contained. Just add batteries and any keyer paddle and it's ready to go!

For more details, visit our World Wide Web Site at:

<http://www.west.net/~wpc/>

For those with text only browsers, there is also a link to our new and highly descriptive Text Only WWW Site.

Thank you for your time and I hope you visit our growing and amusing WWW site. Please stay tuned for more unique QRP related new items and content.

73 -John

John Roblin WA6KY0

Whiterook Products Company
Ventura, California USA
+1-805-339-0702
<http://www.west.net/~wpc/>
wpc@west.net

Date: Fri, 5 Sep 1997 22:08:18 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [26242] Conductivity of Metals
Message-ID: <199709052108.WAA05892@chuck.dallas.sgi.com>

Gang,

This discussion comes up once in a while and here is the data for the most popular metals in use. Don't know that it has been posted in the past to the large body of knowledge of this group.

Conductivity is a measure of how well a material will conduct current and the units of measurement are [Siemens/meter] where 1 Siemen = 1 Ampere/Volt = 1/Ohm, i.e the reciprocal of resistance, so the lower the resistance the higher the conductivity.

Conductor	Conductivity (rho is the symbol)
-----	-----
Silver	6.15×10^7 S/m
Copper	5.8×10^7 S/m
Gold	4.50×10^7 S/m
Chromium	3.8×10^7 "
Aluminum	3.54×10^7 "
Zinc	1.87×10^7 "
Brass (65.8Cu,34.2Zn)	1.59×10^7 "
Tin	0.87×10^7 "

where 10^7 is $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$ or 10^{**7} for all you old FORTRAN II and IV programmers. :-)

Also as a trivial note, an electron under a constant E-field in a conductor will move about 0.26 meters/hour, i.e. DC current flow. You can get this from the current density formula $J = n * e * v$.

Of course, under AC conditions net movement is approximately 0.0 meters/hour. So you don't have to worry about them slippery critters running out the end of the antenna. :-) ;-)

So what does this chart show you? Silver is a very very good conductor but as most of you know it oxidizes readily and the oxide

form has relatively low conductivity (a number I don't have readily available). Silver is also more expensive than copper, thus the use of copper in most electronics apparatus unless you really worry about 6% decrease in conductivity between the two materials. Also copper oxidizes also over a period of time.

Also another physical constant for air at standard temperature and pressure is the breakdown E field of 3×10^6 volts/meter. For those in the colonies this amounts to about 8K Volts/inch. So when you slide across the car seat and reach for the door handle and draw a spark you'll be able to approximate the voltage that you generated this winter.

I just love all this Physics stuff. :-) Dweebs gather to the right please.

FYI

--

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/index.html>

WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

Date: Fri, 5 Sep 1997 17:19:58 -0400
From: Craig LaBarge <LaBarge_C@compuserve.com>
To: QRP-L Mailing List <qrp-l@Lehigh.EDU>
Subject: [26243] Callsign lookup via email?
Message-ID: <199709051720_MC2-1F4C-B671@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Gang:

Thanks to everyone who responded regarding my problems with the QRZ email callsign server. It turns out that the service is alive and well. My problem, apparently, is a CompuServe mail problem.

Some folks have reminded me that the same server that provides the QRP-L mailing list will also serve up callbook info via email. To do this send a message to:

listserv@lehigh.edu

In the body of the message, put the command:

RUN QRP-L X FCC_CALL callsign

where "callsign" is the callsign you want to look up.

I tried it and it works like a champ. =

Thanks again to everyone!

73, Craig WB3GCK

Date: Fri, 5 Sep 1997 15:02:49 -0700 (PDT)
From: "S. Lee" <slee@u.washington.edu>
To: Chuck Adams <adams@chuck.dallas.sgi.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26244] Re: Conductivity of Metals
Message-ID: <Pine.A41.3.95b.970905145154.102096F-100000@homer23.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If your table were expanded to include stainless steel, would the conductivity of SS fall in the range of 7.733×10^5 S/m ? (as compared to 10^7 S/m for the conductors in your table) Seems at least one list member is using stainless steel for the contacts on their key. Curious to know how this worked out.

de AB7HI, Stephen Lee, Federal Way, WA
slee@u.washington.edu

Date: Fri, 5 Sep 1997 18:12:51 -0400
From: Craig LaBarge <LaBarge_C@CompuServe.COM>
To: QRP-L Mailing List <qrp-l@Lehigh.EDU>
Subject: [26245] Rainspout Antenna
Message-ID: <199709051813_MC2-1F50-8B1A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1

Content-Disposition: inline

Howdy!

I mentioned my rainspout antenna in a recent post and, subsequently, had a few requests for more information about it. Since the info has been posted here a few times over the years, instead of clogging up the list with a repeat, I'd like to invite interested folks to visit my humble web page for more details.
The URL is:

http://ourworld.compuserve.com/homepages/LaBarge_C/

Those without web access can send me an email and I'll be happy to send you the text and the JPEG drawing, if needed.

73, Craig WB3GCK

Date: Fri, 5 Sep 1997 23:15:25 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: slee@u.washington.edu
Cc: qrp-1@Lehigh.EDU
Subject: [26246] Re: Conductivity of Metals
Message-ID: <199709052215.XAA06235@chuck.dallas.sgi.com>

Gang,

Stephen Lee, AB7HI, just sent me email and included a

7.733×10^5 S/m for Stainless Steel

Add this to the list. Stainless obviously is not a good choice for a conductor.

Thanks Steve,

--

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/index.html>

WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

Date: Fri, 5 Sep 1997 15:23:10 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [26247] \$50 Plaques
Message-ID: <Pine.SUN.3.90.970905151501.19737A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

This is a call for a few of you that might want to help
show support for QRP contesting.

The ARRL SS contest has a few QRP plaques that need sponsors.
The cost is \$50.

I'll bet there are some of you that could afford to do this. Many
of us have already sent them money but there are a few more to
go.

What better way to show the ARRL and testers in general that
QRP is alive and well?

If you would like to do this or if you want more info, please call
Billy Lunt, KR1R, at 860-594-0200. Tell him you saw it right here
on good ole' QRP-L!

Thanks for the BW,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 5 Sep 1997 23:37:52 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [26248] Solar Flux
Message-ID: <199709052237.XAA06314@chuck.dallas.sgi.com>

Just received:

IV. PENTICTON 10.7 CM FLUX
OBSERVED 05 SEP 096

96 is a good value. Get on the air on some band
and check 'em all out. Operate.

--

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>
WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

Date: Fri, 05 Sep 1997 14:49:17 -0800
From: "Jim (AL7FS), Nancy (KL7NY) and Juliann (WL7MP) Larsen"
<larsennnc@alaska.net>
To: qrp-1@Lehigh.EDU
Subject: [26249] Get on the air and operate.
Message-ID: <34108C6D.4ED5@alaska.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----1EE65CA71C5"

This is a multi-part message in MIME format.

-----1EE65CA71C5
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, Chuck, I will go check out the bands. This is same time frame as MI
QRP Sprint so I will start with 20 mtrs. The beacons weren't too good
today on 14.100 from up here although I could actually hear the 100W UN
signal earlier.

73, Jim, AL7FS at about 2250Z

--

Jim Larsen
Anchorage, Alaska
<http://www.servcom.com/worcester/chat.htm> = Random Chat
Acupressure Anchorage
AL7FS ex-WA0LPK / KL7
2 meter WAS #36
Vision VR40

-----1EE65CA71C5
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Received: from fidoui.CC.lehigh.EDU (fidoui.CC.lehigh.EDU [128.180.1.4]) by calvino.alaska.net (8.8.7/8.7.3) with ESMTP id OAA28866 for <larsennc@alaska.net>; Fri, 5 Sep 1997 14:39:07 -0800 (AKDT)
Received: from Lehigh.EDU ([127.0.0.1]) by fidoui.cc.Lehigh.EDU with SMTP id <35137-65156>; Fri, 5 Sep 1997 18:38:45 -0400
Received: from nss2.CC.Lehigh.EDU ([128.180.1.26]) by fidoui.cc.Lehigh.EDU with ESMTP id <35118-41606>; Fri, 5 Sep 1997 18:38:03 -0400
Received: from sgi.sgi.com (SGI.COM [192.48.153.1]) by nss2.CC.Lehigh.EDU (8.8.5/8.8.5) with SMTP id SAA164055 for <qrp-l@lehigh.edu>; Fri, 5 Sep 1997 18:37:55 -0400
Received: from sgidal.dallas.sgi.com ([169.238.80.130]) by sgi.sgi.com (950413.SGI.8.6.12/970507) via ESMTP id PAA05466 for <@sgi.com:qrp-l@lehigh.edu>; Fri, 5 Sep 1997 15:37:53 -0700 env-from (adams@chuck.dallas.sgi.com)
Received: from chuck.dallas.sgi.com by sgidal.dallas.sgi.com via ESMTP (950413.SGI.8.6.12/911001.SGI) for <@sgidal.dallas.sgi.com:qrp-l@lehigh.edu> id RAA07320; Fri, 5 Sep 1997 17:37:52 -0500
Received: (from adams@localhost) by chuck.dallas.sgi.com (950413.SGI.8.6.12/950213.SGI.AUTOCF) id XAA06314 for qrp-l@lehigh.edu; Fri, 5 Sep 1997 23:37:52 +0100
Message-Id: <199709052237.XAA06314@chuck.dallas.sgi.com>
Date: Fri, 5 Sep 1997 23:37:52 +0100
Reply-To: adams@chuck.dallas.sgi.com
Sender: owner-qrp-l@Lehigh.EDU
Precedence: bulk
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Solar Flux
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
Content-Type: text

Just received:

IV. PENTICTON 10.7 CM FLUX
OBSERVED 05 SEP 096

96 is a good value. Get on the air on some band and check 'em all out. Operate.

--

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

-----1EE65CA71C5--

End of QRP-L Digest 839

